

Meeting with Andy Sukawaty Chairman and CEO, Inmarsat

February 18, 2010

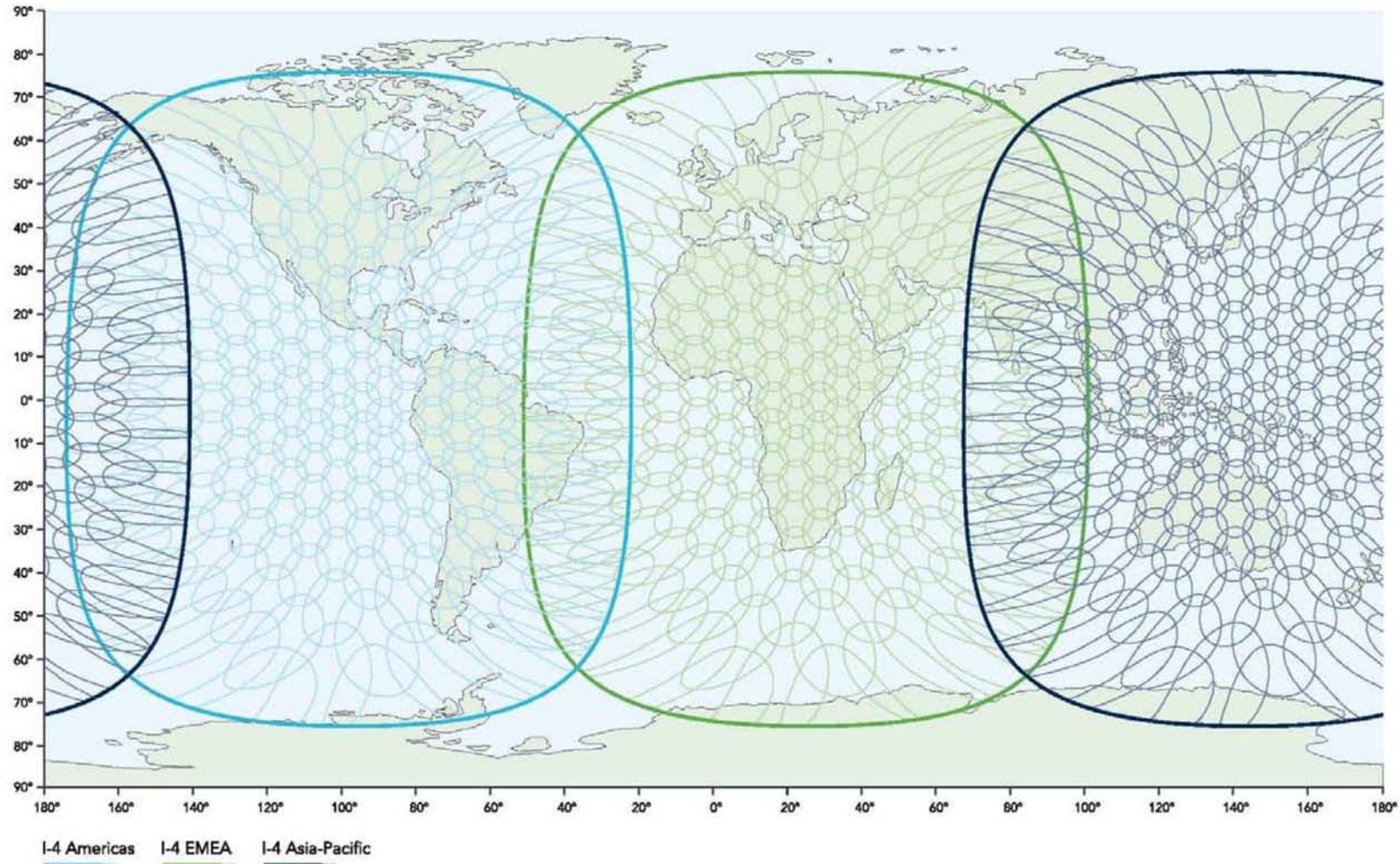
www.inmarsat.com

Inmarsat's Global Broadband Network

- 11 geostationary satellites in orbit today using L-Band
- Three 4th Generation satellites operational
 - Commercial life 2020+
 - 193 spot beams per satellite
- Flexible power allocation (hot spots)
 - Satellite capacity can be redeployed real-time to service areas of high demand
- 100 satellite years without operational failure - 99.99% network availability



BGAN coverage



This map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service.
The availability of service at the edge of coverage areas fluctuates depending on various conditions.
BGAN spot beam coverage February 2009.

Broadband Global Area Network (BGAN) Services

- High-speed Broadband data (up to 492kbps)
- ... plus low-cost voice
- accessible simultaneously
- through a single, compact device
- with on-demand guaranteed data rates
- Available worldwide



Mobile User



Earth Station

IP Router Data
IP Networks

Voice &
Switch
Circuit Switched Networks

Inmarsat Mobile Satellite Broadband Can Deliver:

- Worldwide coverage with ubiquitous network and products
 - Same interface globally
 - Land, sea, and air mobile services, including safety services for maritime and aeronautical users
 - Mobile broadband network available anytime, anywhere
- Small portable devices that are easily set up and online



Mobile Satellite Broadband Can Support:

• Public Safety and Disaster Response

- Emergency preparedness
- Disaster relief communications when terrestrial networks fail
- Restore and backhaul terrestrial communications (pico cell provides IP connectivity for LMR and mobile phones)



• Telemedicine

- Ambulances: perform lifesaving procedures and diagnostic tests in the field or 'on the move'
- Mobile clinics: deliver primary and specialty care in rural communities
- Hospice and homecare: access to electronic medical records and support



• National Security and Defense

- DoD relies on commercial satellites in the U.S. and throughout the world

• Critical Infrastructure support

BGAN Uses: Humanitarian Relief, Remote Activities, Commercial





Supporting customers, worldwide:

- International relief agencies (International Red Cross, Télécoms Sans Frontières, United Nations, FEMA, etc)
- U.S. Government (wherever deployed), including DoD, (Army, Navy, Air Force) DHS (Coast Guard, Border Patrol)
- Media (CNN, NBC, Reuters, etc)
- Critical Infrastructure (oil, gas, electricity, etc)

World Vision



SAN DIEGO STATE
UNIVERSITY

Policy Issues for Mobile Satellite Broadband

- Recognition that satellite-delivered broadband is a more cost effective solution than other alternatives in hard-to-reach areas
- Globally harmonized, consistent spectrum allocations
- Less burdensome regulatory/licensing framework
- Reasonable fees based on regulatory costs
- Authorization for in-flight passenger connectivity